

Prepress Services: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year ¹ | Com- panies ² | All estab- lish- ments ³ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) |
|--|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|
| | | | Number ⁴ | Payroll (\$1,000) | Number ⁴ | Hours (1,000) | Wages (\$1,000) | | | | |
| 323122, Prepress services 2002.. | 2 030 | 2 150 | 29 296 | 1 356 558 | 20 195 | 37 381 | 823 111 | 2 685 189 | 696 706 | 3 377 466 | 171 183 |
| 2001.. | N | N | 41 833 | 1 675 414 | 30 000 | 57 182 | 1 074 396 | 3 220 795 | 914 170 | 4 149 979 | 153 343 |
| 2000.. | N | N | 45 953 | 1 897 745 | 32 294 | 62 273 | 1 168 038 | 3 612 945 | 1 034 892 | 4 646 247 | 223 254 |
| 1999.. | N | N | 47 765 | 1 921 697 | 33 621 | 64 914 | 1 189 972 | 3 825 423 | 1 022 900 | 4 834 446 | 278 947 |
| 1998.. | N | N | 51 289 | 2 047 350 | 37 033 | 73 220 | 1 294 005 | 4 119 179 | 1 041 446 | 5 156 299 | 286 168 |
| 1997.. | 3 191 | 3 337 | 52 546 | 2 017 125 | 37 481 | 72 789 | 1 269 376 | 3 988 826 | 983 184 | 4 973 623 | 259 250 |

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area | E ¹ | All establishments ² | | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|----------------------------------|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 323122, Prepress services | | | | | | | | | | | | |
| United States | 2 | 2 150 | 370 | 29 296 | 1 356 558 | 20 195 | 37 381 | 823 111 | 2 685 189 | 696 706 | 3 377 466 | 171 183 |
| Arizona | — | 31 | 4 | 613 | 26 458 | 509 | 997 | 19 650 | 54 677 | 11 256 | 66 555 | 1 475 |
| California | 3 | 288 | 43 | 3 733 | 190 068 | 2 535 | 4 660 | 113 316 | 321 073 | 102 877 | 422 129 | 23 703 |
| Colorado | 3 | 35 | 2 | 191 | 6 862 | 117 | 185 | 4 250 | 14 202 | 3 792 | 18 064 | 1 270 |
| Connecticut | 2 | 38 | 9 | 509 | 24 577 | 369 | 679 | 14 314 | 45 200 | 9 995 | 55 431 | 1 640 |
| Florida | 3 | 107 | 11 | 689 | 26 743 | 483 | 724 | 15 355 | 50 285 | 15 659 | 65 996 | 5 180 |
| Georgia | 1 | 53 | 10 | 532 | 27 069 | 353 | 711 | 15 432 | 59 644 | 24 490 | 84 087 | 1 984 |
| Illinois | 3 | 141 | 37 | 2 500 | 129 837 | 1 674 | 3 252 | 78 800 | 251 961 | 79 475 | 329 587 | 18 373 |
| Indiana | 2 | 45 | 9 | 489 | 19 777 | 305 | 557 | 10 708 | 38 267 | 13 671 | 51 891 | 1 720 |
| Iowa | 6 | 21 | 3 | 186 | 7 426 | 155 | 300 | 5 301 | 15 951 | 3 057 | 19 077 | 941 |
| Kansas | 2 | 19 | 2 | 157 | 5 994 | 104 | 194 | 3 428 | 10 767 | 2 849 | 13 556 | 596 |
| Kentucky | — | 21 | 6 | 557 | 30 054 | 424 | 726 | 22 281 | 75 373 | 8 223 | 83 702 | 8 397 |
| Maryland | 2 | 50 | 10 | 821 | 38 450 | 608 | 1 148 | 27 027 | 74 272 | 16 576 | 90 793 | 4 095 |
| Massachusetts | 2 | 73 | 11 | 849 | 37 222 | 633 | 1 185 | 24 763 | 73 246 | 20 354 | 93 708 | 4 044 |
| Michigan | 1 | 94 | 12 | 1 074 | 47 343 | 702 | 1 375 | 26 116 | 107 648 | 24 282 | 132 175 | 7 373 |
| Minnesota | 1 | 46 | 14 | 940 | 50 598 | 629 | 1 256 | 30 407 | 98 733 | 20 932 | 118 626 | 4 383 |
| Missouri | 1 | 58 | 13 | 1 057 | 46 422 | 600 | 1 125 | 25 030 | 106 707 | 18 928 | 125 480 | 5 404 |
| Nebraska | — | 8 | 1 | 197 | 9 233 | 102 | 195 | 4 874 | 20 478 | 1 826 | 22 385 | 631 |
| New Hampshire | 4 | 12 | 2 | 192 | 8 164 | 110 | 200 | 5 282 | 14 360 | 2 894 | 17 380 | 1 292 |
| New Jersey | 3 | 115 | 20 | 1 366 | 67 904 | 864 | 1 642 | 39 094 | 134 526 | 39 950 | 173 546 | 6 225 |
| New York | 2 | 213 | 35 | 2 861 | 148 703 | 1 763 | 3 274 | 79 730 | 325 415 | 90 583 | 417 567 | 18 266 |
| North Carolina | 2 | 44 | 11 | 540 | 24 719 | 384 | 736 | 15 797 | 51 347 | 11 417 | 62 961 | 4 482 |
| Ohio | 1 | 100 | 19 | 1 334 | 61 950 | 856 | 1 578 | 34 859 | 125 218 | 25 392 | 150 488 | 10 702 |
| Oregon | — | 23 | 6 | 283 | 12 229 | 189 | 314 | 6 431 | 20 392 | 8 473 | 29 096 | 1 534 |
| Pennsylvania | 1 | 84 | 16 | 2 556 | 95 108 | 2 113 | 3 954 | 68 471 | 182 344 | 49 053 | 230 349 | 8 508 |
| Rhode Island | 9 | 8 | 1 | 129 | 6 782 | 96 | 189 | 4 317 | 13 455 | 2 610 | 16 064 | 940 |
| South Carolina | 3 | 9 | 4 | 172 | 7 555 | 119 | 224 | 4 236 | 14 378 | 3 216 | 17 697 | 882 |
| Tennessee | 4 | 49 | 8 | 592 | 27 285 | 361 | 727 | 13 760 | 52 662 | 8 107 | 60 523 | 2 617 |
| Texas | 4 | 96 | 13 | 1 203 | 44 005 | 941 | 1 641 | 28 606 | 84 315 | 18 100 | 102 475 | 5 732 |
| Virginia | 1 | 41 | 8 | 472 | 21 661 | 311 | 588 | 14 202 | 41 690 | 7 987 | 49 293 | 2 707 |
| Washington | 1 | 39 | 2 | 362 | 18 860 | 262 | 494 | 12 491 | 34 849 | 6 219 | 40 888 | 1 800 |
| Wisconsin | — | 62 | 21 | 1 461 | 62 924 | 1 029 | 1 831 | 39 076 | 117 985 | 32 502 | 150 225 | 11 515 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|--|---------------------|
| 323122, Prepress services | |
| Companies ¹ | number.. 2 030 |
| All establishments ² | number.. 2 150 |
| Establishments with 1 to 19 employees | number.. 1 780 |
| Establishments with 20 to 99 employees | number.. 332 |
| Establishments with 100 employees or more | number.. 38 |
| All employees ³ | number.. 29 296 |
| Total compensation | \$1,000.. 1 574 299 |
| Annual payroll | \$1,000.. 1 356 558 |
| Total fringe benefits | \$1,000.. 217 741 |
| Production workers, average for year | number.. 20 195 |
| Production workers on March 12 | number.. 20 372 |
| Production workers on May 12 | number.. 20 424 |
| Production workers on August 12 | number.. 20 015 |
| Production workers on November 12 | number.. 19 888 |
| Production worker hours | \$1,000.. 37 381 |
| Production worker wages | \$1,000.. 823 111 |
| Total cost of materials | \$1,000.. 696 706 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 462 019 |
| Resales | \$1,000.. 53 170 |
| Purchased fuels | \$1,000.. 4 678 |
| Purchased electricity | \$1,000.. 21 638 |
| Contract work | \$1,000.. 155 201 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 312 447 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. - |
| Total value of shipments | \$1,000.. 3 377 466 |
| Primary products value of shipments | \$1,000.. 3 049 955 |
| Secondary products value of shipments | \$1,000.. 161 508 |
| Total miscellaneous receipts | \$1,000.. 166 003 |
| Value of resales | \$1,000.. 63 753 |
| Contract receipts | \$1,000.. - |
| Other miscellaneous receipts | \$1,000.. 102 250 |
| Primary products specialization ratio | percent.. 95 |
| Value of primary products shipments made in all industries | \$1,000.. 4 066 825 |
| Value of primary products shipments made in this industry | \$1,000.. 3 049 955 |
| Value of primary products shipments made in other industries | \$1,000.. 1 016 870 |
| Coverage ratio | percent.. 75 |
| Value added | \$1,000.. 2 685 189 |
| Total inventories, beginning of year | \$1,000.. 126 343 |
| Finished goods inventories | \$1,000.. 10 213 |
| Work-in-process inventories | \$1,000.. 85 597 |
| Materials and supplies inventories | \$1,000.. 30 533 |
| Total inventories, end of year | \$1,000.. 130 007 |
| Finished goods inventories | \$1,000.. 15 731 |
| Work-in-process inventories | \$1,000.. 84 508 |
| Materials and supplies inventories | \$1,000.. 29 768 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. 1 444 979 |
| Total capital expenditures (new and used) | \$1,000.. 171 183 |
| Buildings and other structures (new and used) | \$1,000.. 18 222 |
| Machinery and equipment (new and used) | \$1,000.. 152 961 |
| Automobiles, trucks, etc., for highway use | \$1,000.. 7 628 |
| Computers and peripheral data processing equipment | \$1,000.. 36 927 |
| All other expenditures for machinery and equipment | \$1,000.. 108 406 |
| Total retirements | \$1,000.. 155 385 |
| Gross value of depreciable assets at end of year | \$1,000.. 1 460 777 |
| Depreciation charges during year | \$1,000.. 124 354 |
| Total rental payments | \$1,000.. 100 333 |
| Buildings and other structures | \$1,000.. 64 089 |
| Machinery and equipment | \$1,000.. 36 244 |
| Total other expenses ⁴ | \$1,000.. 210 177 |
| Response coverage ratio ⁵ | percent.. 69 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 30 633 |
| Communications services ⁴ | \$1,000.. 16 695 |
| Legal services ⁴ | \$1,000.. 5 265 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 5 135 |
| Advertising and promotional services ⁴ | \$1,000.. 6 245 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 9 846 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 2 621 |
| Management consulting and administrative services ⁴ | \$1,000.. 6 617 |
| Taxes and license fees ⁴ | \$1,000.. 18 392 |
| All other expenses ⁴ | \$1,000.. 108 727 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All establishments ² | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|----------------|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 323122, Prepress services | | | | | | | | | | | |
| All establishments | 2 | 2 150 | 29 296 | 1 356 558 | 20 195 | 37 381 | 823 111 | 2 685 189 | 696 706 | 3 377 466 | 171 183 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 8 | 1 176 | g | D | D | D | D | D | D | D | D |
| 5 to 9 employees | 3 | 325 | 2 221 | 90 664 | 1 547 | 2 380 | 56 543 | 182 776 | 50 935 | 234 202 | 13 705 |
| 10 to 19 employees | 2 | 279 | 3 823 | 159 557 | 2 558 | 4 238 | 97 220 | 304 953 | 86 043 | 391 510 | 25 007 |
| 20 to 49 employees | 2 | 244 | 7 679 | 365 475 | 5 059 | 9 714 | 216 422 | 716 318 | 188 812 | 899 324 | 48 057 |
| 50 to 99 employees | 2 | 88 | 6 150 | 318 941 | 4 239 | 8 064 | 190 172 | 637 587 | 180 217 | 817 640 | 42 960 |
| 100 to 249 employees | 1 | 30 | 4 310 | 226 058 | 2 820 | 5 920 | 136 483 | 417 153 | 116 156 | 532 839 | 19 412 |
| 250 to 499 employees | 2 | 7 | 2 362 | 100 284 | 1 722 | 3 509 | 61 912 | 218 122 | 24 142 | 243 091 | 9 847 |
| 500 to 999 employees | — | 1 | f | D | D | D | D | D | D | D | D |
| 1,000 to 2,499 employees | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 1 036 | 1 570 | 64 025 | 1 186 | 1 837 | 38 977 | 122 017 | 25 763 | 147 762 | 8 551 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class | All establishments ¹ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|--|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ² | Payroll (\$1,000) | Number ² | Hours (1,000) | Wages (\$1,000) | | | | |
| 323122 | Prepress services | 2 150 | 29 296 | 1 356 558 | 20 195 | 37 381 | 823 111 | 2 685 189 | 696 706 | 3 377 466 | 171 183 |
| 3231221 | Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.) | 542 | 18 258 | 864 129 | 12 698 | 24 034 | 527 053 | 1 715 466 | 415 201 | 2 127 739 | 98 411 |
| 3231223 | Printing plates, prepared for printing (excluding blank plates) | 173 | 4 127 | 182 731 | 2 713 | 4 939 | 109 754 | 386 788 | 137 323 | 523 158 | 31 414 |

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|---|---|---|-------------------|------------------------|
| | | | | Quantity | Value (\$1,000) |
| 323122 | Prepress services | 2002.. N 1997.. N | X X | X X | 4 066 825 5 165 549 |
| 3231221 | Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.) | 2002.. N 1997.. N | X X | X X | 2 524 689 3 533 395 |
| 32312211 | Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.) | 2002.. N 1997.. N | X X | X X | 2 524 689 3 533 395 |
| 3231221100 | Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.) | 2002.. N 1997.. N | X X | X X | 2 524 689 3 533 395 |
| 3231223 | Printing plates, prepared for printing (excluding blank plates) | 2002.. N 1997.. N | X X | X X | 838 443 721 759 |
| 32312231 | Printing plates, prepared for printing (excluding blank plates) | 2002.. N 1997.. N | X X | X X | 799 547 617 998 |
| 3231223106 | Lithographic plates, prepared for printing (excluding blank plates) | 2002.. 360 1997.. 185 | X X | X X | 331 619 211 092 |
| 3231223116 | Flexographic plates, prepared for printing, natural and synthetic rubber (excluding blank plates) | 2002.. 48 1997.. 70 | X X | X X | 59 526 86 774 |
| 3231223121 | Flexographic plates, prepared for printing, photopolymer (excluding blank plates) | 2002.. 125 1997.. 118 | X X | X X | 243 162 177 312 |
| 3231223126 | Gravure plates, prepared for printing (excluding blank plates) | 2002.. 28 1997.. 21 | X X | X X | 115 747 72 485 |
| 3231223192 | All other printing plates prepared for printing (excluding blank plates) | 2002.. 69 1997.. N | X X | X X | 49 493 N |
| 3231223Y | Printing plates, prepared for printing (excluding blank plates), nsk | 2002.. N 1997.. N | X X | X X | 38 896 103 761 |
| 3231223YVV | Printing plates, prepared for printing (excluding blank plates), nsk | 2002.. N 1997.. N | X X | X X | 38 896 103 761 |
| 323122W | Prepress services, nsk, total | 2002.. N 1997.. N | X X | X X | 703 693 910 395 |
| 323122WY | Prepress services, nsk, total | 2002.. N 1997.. N | X X | X X | 703 693 910 395 |
| 323122WYWW | Prepress services, nsk, for nonadministrative-record establishments | 2002.. N 1997.. N | X X | X X | 559 218 694 625 |
| 323122WYWY | Prepress services, nsk, for administrative-record establishments | 2002.. N 1997.. N | X X | X X | 144 475 215 770 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|---|--------------------------------------|
| 3231221 | Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.) | |
| | United States | 2 524 689 |
| | 2002 .. | 3 533 395 |
| | 1997 .. | 56 751 |
| | Arizona | 52 846 |
| | 2002 .. | 309 678 |
| | 1997 .. | 408 020 |
| | California | 12 543 |
| | 2002 .. | 20 855 |
| | 1997 .. | 43 550 |
| | Colorado | 71 829 |
| | 2002 .. | 48 230 |
| | 1997 .. | 101 907 |
| | Connecticut | 67 350 |
| | 2002 .. | 97 724 |
| | 1997 .. | 284 425 |
| | Florida | 433 599 |
| | 2002 .. | 20 726 |
| | 1997 .. | 31 477 |
| | Georgia | 7 932 |
| | 2002 .. | 21 149 |
| | 1997 .. | 10 379 |
| | Illinois | 26 326 |
| | 2002 .. | 54 214 |
| | 1997 .. | 45 045 |
| | Indiana | 64 207 |
| | 2002 .. | 77 128 |
| | 1997 .. | 65 095 |
| | Iowa | 67 176 |
| | 2002 .. | 91 161 |
| | 1997 .. | 123 368 |
| | Kansas | 87 114 |
| | 2002 .. | 202 874 |
| | 1997 .. | 75 389 |
| | Kentucky | 110 231 |
| | 2002 .. | 22 289 |
| | 1997 .. | 21 190 |
| | Maryland | 9 662 |
| | 2002 .. | 27 187 |
| | 1997 .. | 83 185 |
| | Massachusetts | 202 473 |
| | 2002 .. | 268 851 |
| | 1997 .. | 303 221 |
| | Michigan | 35 907 |
| | 2002 .. | 57 618 |
| | 1997 .. | 113 984 |
| | Minnesota | 126 152 |
| | 2002 .. | 20 974 |
| | 1997 .. | 45 847 |
| | Missouri | 253 274 |
| | 2002 .. | 298 235 |
| | 1997 .. | 5 691 |
| | Nebraska | 5 613 |
| | 2002 .. | 2 033 |
| | 1997 .. | 5 912 |
| | New Hampshire | 59 483 |
| | 2002 .. | 72 600 |
| | 1997 .. | 65 052 |
| | New Jersey | 157 232 |
| | 2002 .. | 33 543 |
| | 1997 .. | 29 541 |
| | New York | 47 860 |
| | 2002 .. | 42 397 |
| | 1997 .. | 132 070 |
| | North Carolina | 131 719 |
| | 2002 .. | |
| | 1997 .. | |
| | Ohio | |
| | 2002 .. | |
| | 1997 .. | |
| | Oregon | |
| | 2002 .. | |
| | 1997 .. | |
| | Pennsylvania | |
| | 2002 .. | |
| | 1997 .. | |
| | Rhode Island | |
| | 2002 .. | |
| | 1997 .. | |
| | South Carolina | |
| | 2002 .. | |
| | 1997 .. | |
| | Tennessee | |
| | 2002 .. | |
| | 1997 .. | |
| | Texas | |
| | 2002 .. | |
| | 1997 .. | |
| | Virginia | |
| | 2002 .. | |
| | 1997 .. | |
| | Washington | |
| | 2002 .. | |
| | 1997 .. | |
| | Wisconsin | |
| | 2002 .. | |
| | 1997 .. | |
| 3231223 | Printing plates, prepared for printing (excluding blank plates) | |
| | United States | 838 443 |
| | 2002 .. | 721 759 |
| | 1997 .. | 2 127 |
| | Arizona | 8 122 |
| | 2002 .. | 69 126 |
| | 1997 .. | 105 916 |
| | California | 7 952 |
| | 2002 .. | N |
| | 1997 .. | 7 764 |
| | Colorado | 25 169 |
| | 2002 .. | 19 314 |
| | 1997 .. | 14 649 |
| | Connecticut | 21 465 |
| | 2002 .. | 13 435 |
| | 1997 .. | 43 037 |
| | Florida | 38 489 |
| | 2002 .. | 28 494 |
| | 1997 .. | 23 266 |
| | Georgia | 4 160 |
| | 2002 .. | N |
| | 1997 .. | 32 153 |
| | Illinois | N |
| | 2002 .. | 18 512 |
| | 1997 .. | 8 882 |
| | Indiana | 18 483 |
| | 2002 .. | 30 566 |
| | 1997 .. | 44 623 |
| | Iowa | 21 152 |
| | 2002 .. | 31 360 |
| | 1997 .. | 23 623 |
| | Kansas | 34 744 |
| | 2002 .. | 27 647 |
| | 1997 .. | 3 661 |
| | Kentucky | |
| | 2002 .. | |
| | 1997 .. | |
| | Maryland | |
| | 2002 .. | |
| | 1997 .. | |
| | Massachusetts | |
| | 2002 .. | |
| | 1997 .. | |
| | Michigan | |
| | 2002 .. | |
| | 1997 .. | |
| | Minnesota | |
| | 2002 .. | |
| | 1997 .. | |
| | Missouri | |
| | 2002 .. | |
| | 1997 .. | |
| | New Hampshire | |
| | 2002 .. | |
| | 1997 .. | |
| | New Jersey | |
| | 2002 .. | |
| | 1997 .. | |
| | New York | |
| | 2002 .. | |
| | 1997 .. | |
| | North Carolina | |
| | 2002 .. | |
| | 1997 .. | |
| | Ohio | |
| | 2002 .. | |
| | 1997 .. | |
| | Oregon | |
| | 2002 .. | |
| | 1997 .. | |
| | Pennsylvania | |
| | 2002 .. | |
| | 1997 .. | |
| | Rhode Island | |
| | 2002 .. | |
| | 1997 .. | |
| | South Carolina | |
| | 2002 .. | |
| | 1997 .. | |
| | Tennessee | |
| | 2002 .. | |
| | 1997 .. | |
| | Texas | |
| | 2002 .. | |
| | 1997 .. | |
| | Virginia | |
| | 2002 .. | |
| | 1997 .. | |
| | Washington | |
| | 2002 .. | |
| | 1997 .. | |
| | Wisconsin | |
| | 2002 .. | |
| | 1997 .. | |

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|--|--------------------------------------|
| 3231223 | Printing plates, prepared for printing (excluding blank plates)—Con. | |
| | United States—Con. | |
| | 1997.. | N |
| | New Jersey | 35 711 |
| | 2002.. | 35 703 |
| | 1997.. | 53 439 |
| | New York | 45 577 |
| | 2002.. | 30 652 |
| | 1997.. | 34 224 |
| | North Carolina | 39 037 |
| | 2002.. | 46 587 |
| | 1997.. | 10 277 |
| | Ohio | 9 395 |
| | 2002.. | 30 692 |
| | 1997.. | 22 588 |
| | Oregon | 9 471 |
| | 2002.. | 18 395 |
| | 1997.. | 22 340 |
| | Pennsylvania | 13 476 |
| | 2002.. | 23 201 |
| | 1997.. | 12 142 |
| | South Carolina | 46 717 |
| | 2002.. | 9 588 |
| | 1997.. | 6 161 |
| | Tennessee | N |
| | 2002.. | 97 403 |
| | 1997.. | 54 492 |
| | Texas | |
| | 2002.. | |
| | 1997.. | |
| | Virginia | |
| | 2002.. | |
| | 1997.. | |
| | Washington | |
| | 2002.. | |
| | 1997.. | |
| | Wisconsin | |
| | 2002.. | |
| | 1997.. | |

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|--|----------|--------------------------|
| 323122 | Prepress services | | |
| 00900001 | Total materials2002.. | X | 462 019 |
| |1997.. | X | 705 433 |
| 33100005 | Metal for printing plates2002.. | X | 10 708 |
| |1997.. | X | 13 648 |
| 32599201 | Unexposed photosensitive printing plates2002.. | X | 25 685 |
| |1997.. | X | 39 087 |
| 32599211 | Light sensitive films2002.. | X | 24 559 |
| |1997.. | X | 93 901 |
| 32599213 | Light sensitive papers (including photographic paper and diffusion transfer paper)2002.. | X | 3 578 |
| |1997.. | X | 8 442 |
| 33331500 | Color proofing materials2002.. | X | 37 886 |
| |1997.. | X | 75 068 |
| 32212001 | Paper, all types (including newsprint, book, bond, cover, and coated), excluding light sensitive2002.. | X | 26 528 |
| |1997.. | X | 35 119 |
| 00970099 | All other materials and components, parts, containers, and supplies2002.. | X | 100 633 |
| |1997.. | X | 133 471 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk2002.. | X | 232 442 |
| |1997.. | X | 306 697 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.